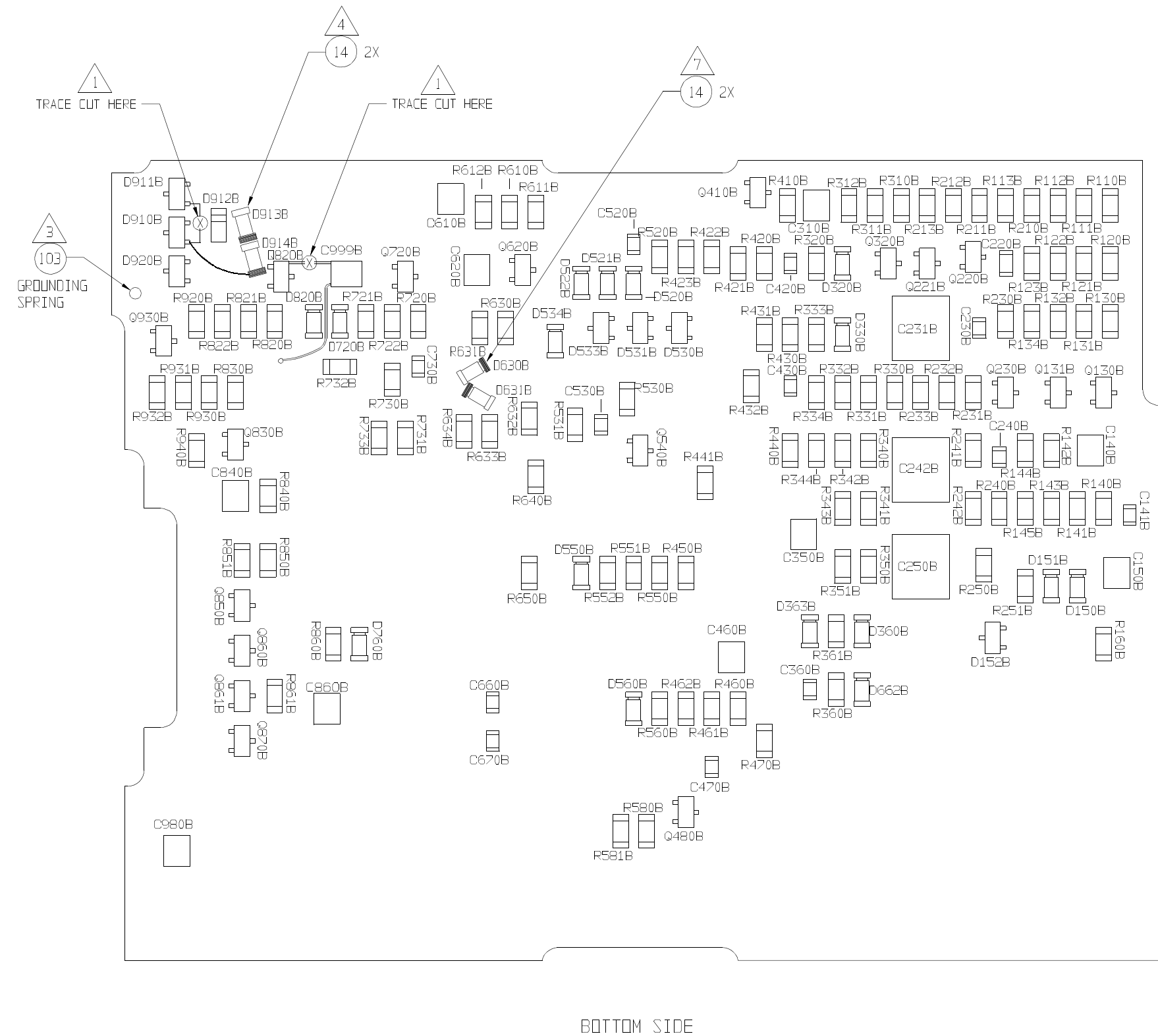


90207 Ambulatory Blood Pressure Monitor



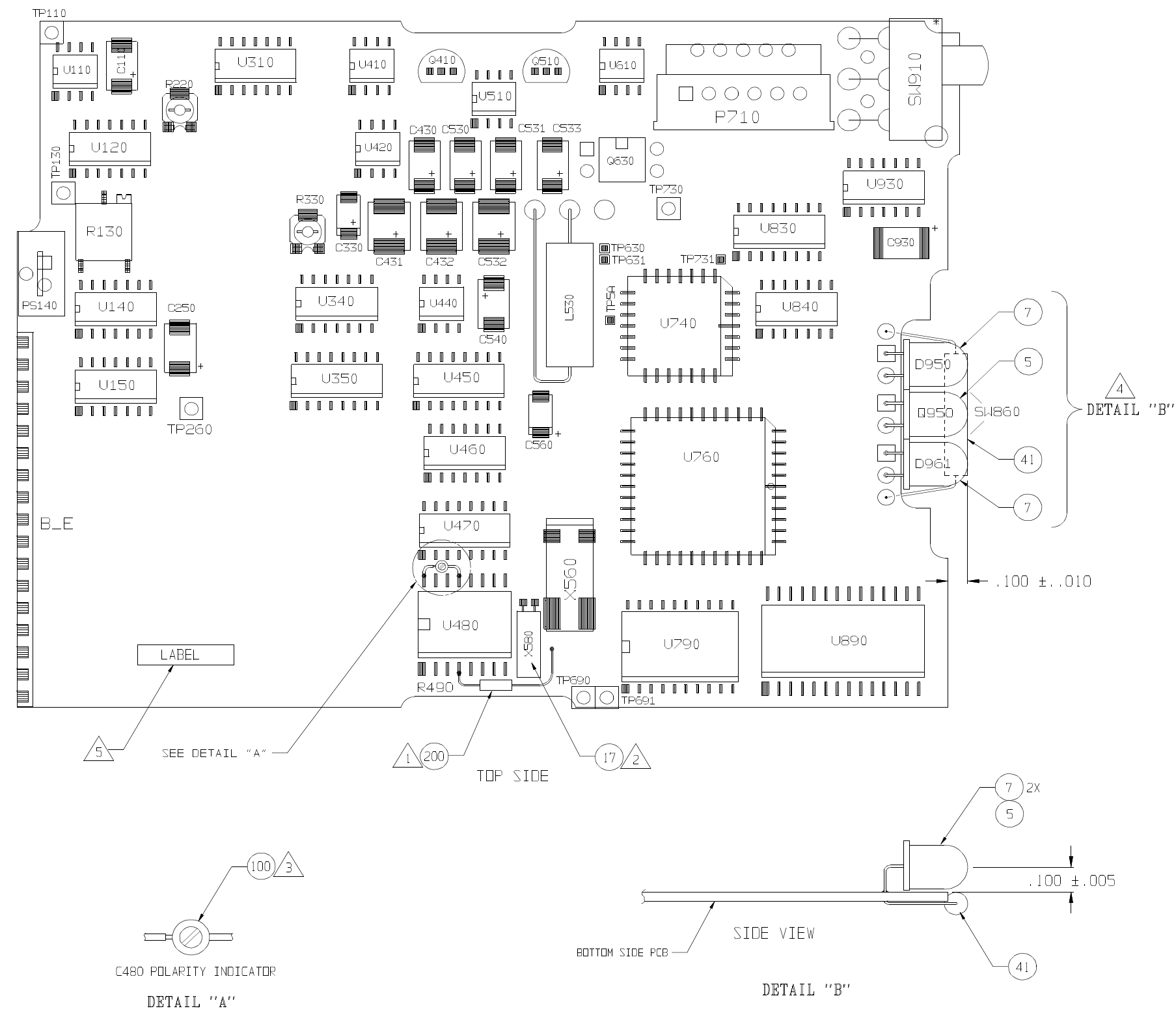
NOTES:

1. CUT TRACES AT 2 LOCATIONS, BETWEEN D820B AND C999B, AND BETWEEN D911B AND D910B. REFERENCE LOCATIONS ON DRAWING INDICATED BY ⊗.
2. TRIM LEADS OF SW910 TO TOP OF FILLET, SOLDER DIODE D912B, ITEM #13, CATHODE END UP BETWEEN THE LEADS OF SWITCH SW910.
3. SOLDER GROUNDING SPRING, ITEM #103 TO LEAD OF SW910 SWITCH.
4. SOLDER IN SERIES TWO DIODES, D913B, ITEM #14, CATHODE END TO D914B, ITEM #14, ANODE END. CONNECT D913B ANODE END TO THE CATHODE END OF D912B.
5. JUMPER 30 AWG WIRE, ITEM #109, FROM BOTTOM RIGHT LEG OF D910B TO CATHODE END OF D914B DIODE.
6. JUMPER 30 AWG WIRE, ITEM #109, FROM LEFT SIDE OF CAP C999B TO VIA HOLE FOUND BELOW LOCATION R820B.
7. SOLDER IN SERIES ON PADS BELOW R631B, TWO DIODES, ITEM #14, SOLDER CATHODE END OF D630B TO TOP PAD AND ANODE END OF D631B TO BOTTOM PAD, JOINING BOTH DIODES TOGETHER WITH SOLDER.
CAUTION: DO NOT LET DIODES OR SOLDER MAKE CONTACT WITH VIAS IN AREA.

SEE SEPARATE PARTS LIST

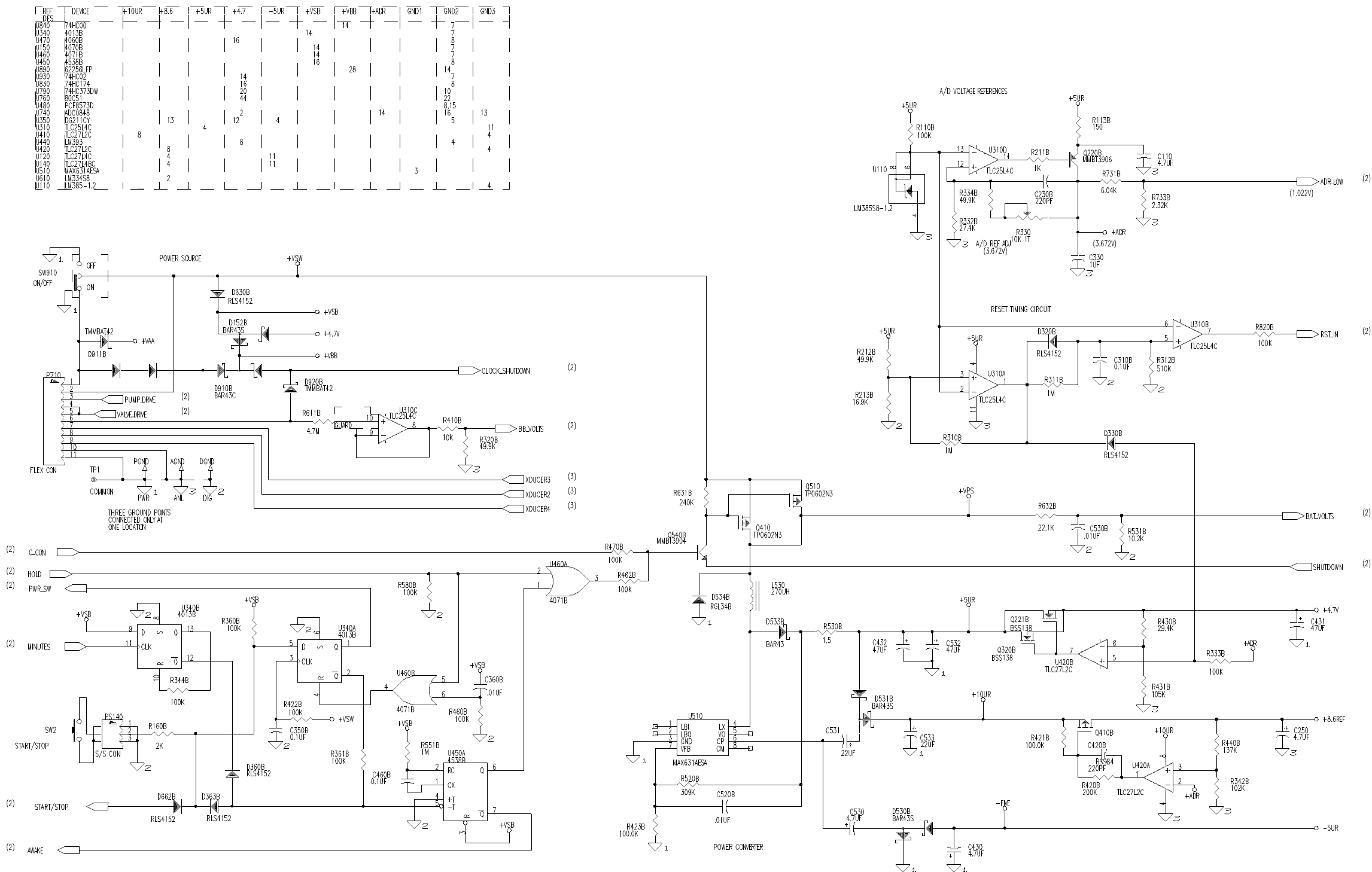
**PCBA Main Board
Drawing 1
P/N 670-0303-10
Sheet 1 of 5**

90207 Ambulatory Blood Pressure Monitor



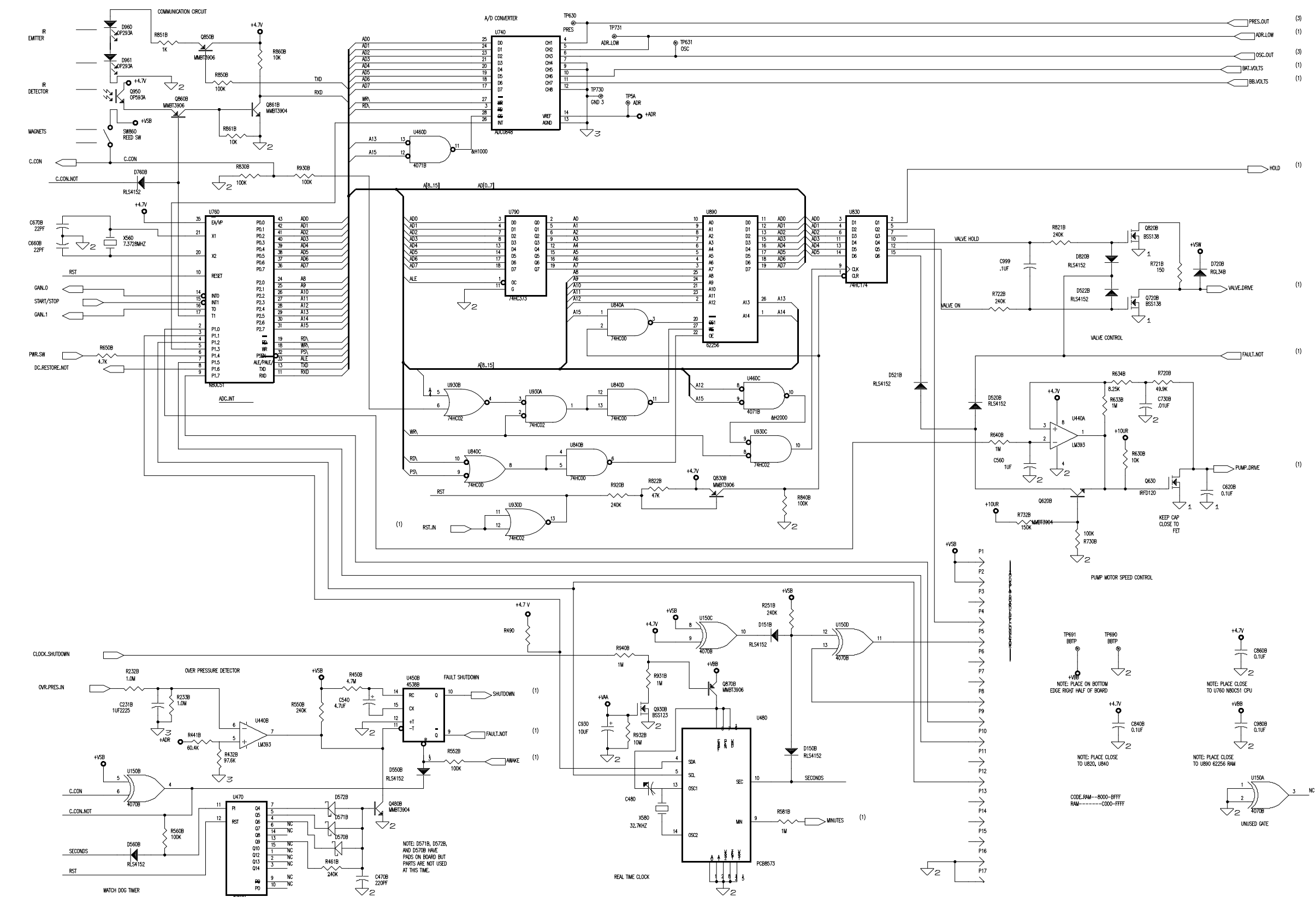
- NOTES:
- 1 ATTACH ONE END OF RESISTOR R490, ITEM #200, TO U480 PIN 4. WRAP 30 AWG WIRE, ITEM #200, AROUND UNATTACHED LEAD OF RESISTOR AND SOLDER. COMPLETE JUMPER TO LOWEST VIA LOCATED UNDER CRYSTAL X560.
 - 2 CRYSTAL X580, ITEM #17, BODY MOUNTS FLAT ON BOARD IN DIRECTION INDICATED BY DRAWING.
 - 3 ATTACH CAP C480, ITEM #100, TO U480 PIN 13 AND PIN 16. PLACE POLARITY INDICATOR FOR CAP TOWARDS PIN 16. SEE DETAIL "A" FOR IDENTIFYING POLARITY PLACEMENT OF C480.
 - 4 USE FIXTURE, ITEM #210, FOR INSTALLING LED PHOTO DEVICES D950 AND D961, ITEM #7, LED PHOTO TRANSISTOR D950, ITEM #5, AND REED SWITCH SW860, ITEM #41. REFERENCE DETAIL "B" FOR MOUNTING REQUIREMENTS.
 - 5 PLACE PCB IDENTIFICATION LABEL, ITEM #108, IN LOCATION SHOWN.

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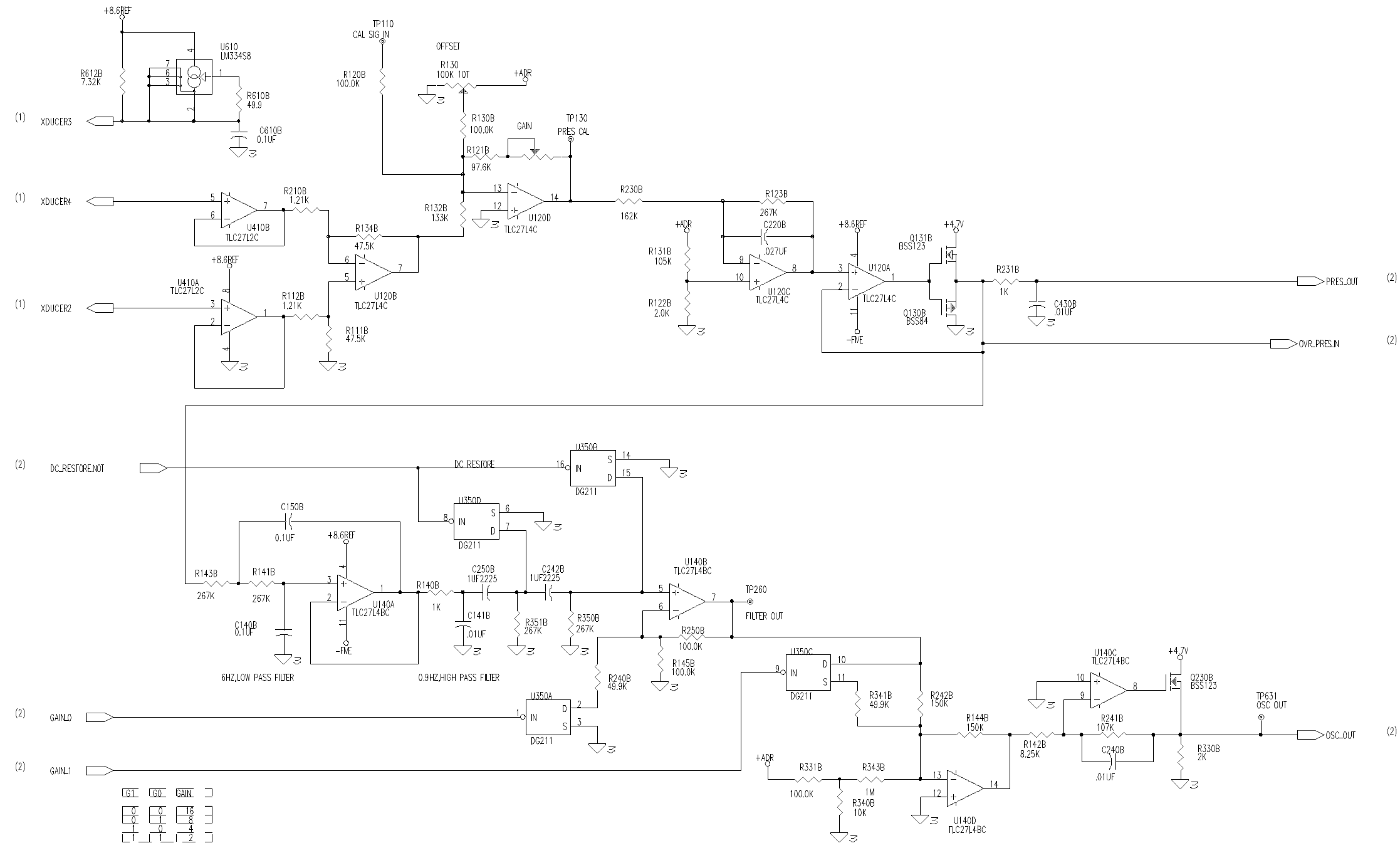


PCBA Main Board
Drawing 1
P/N 670-0303-10
Sheet 3 of 5

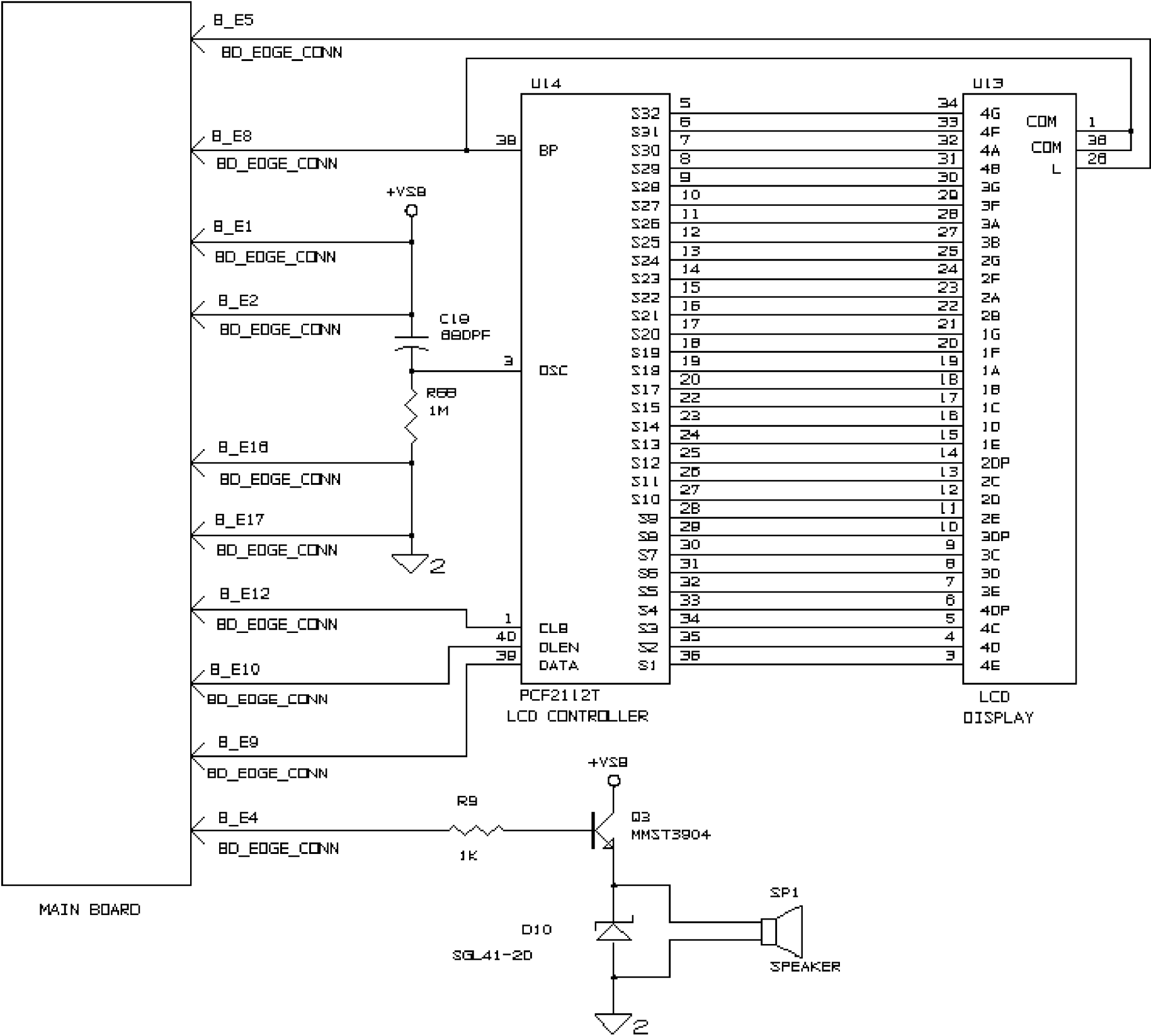
90207 Ambulatory Blood Pressure Monitor



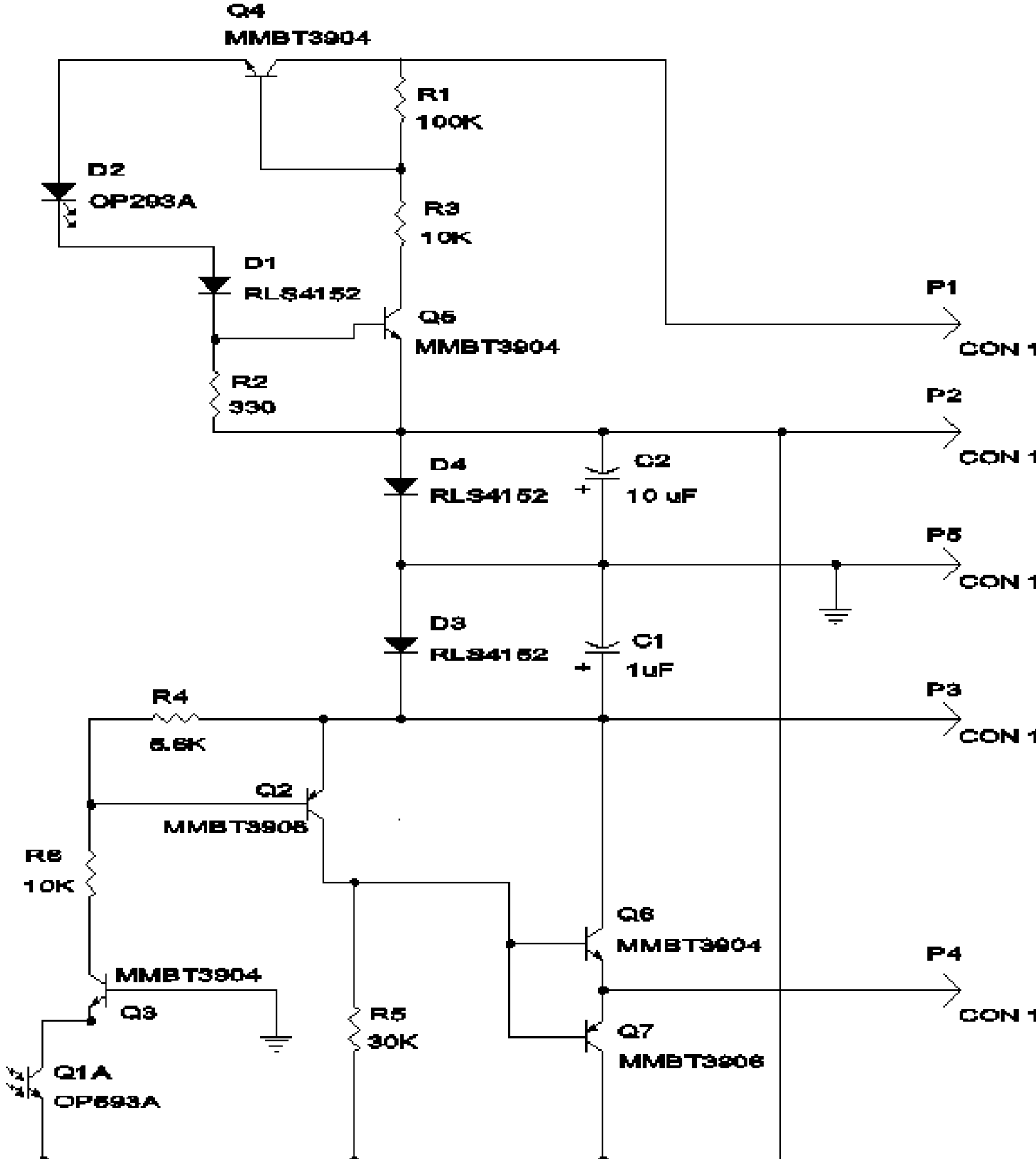
90207 Ambulatory Blood Pressure Monitor



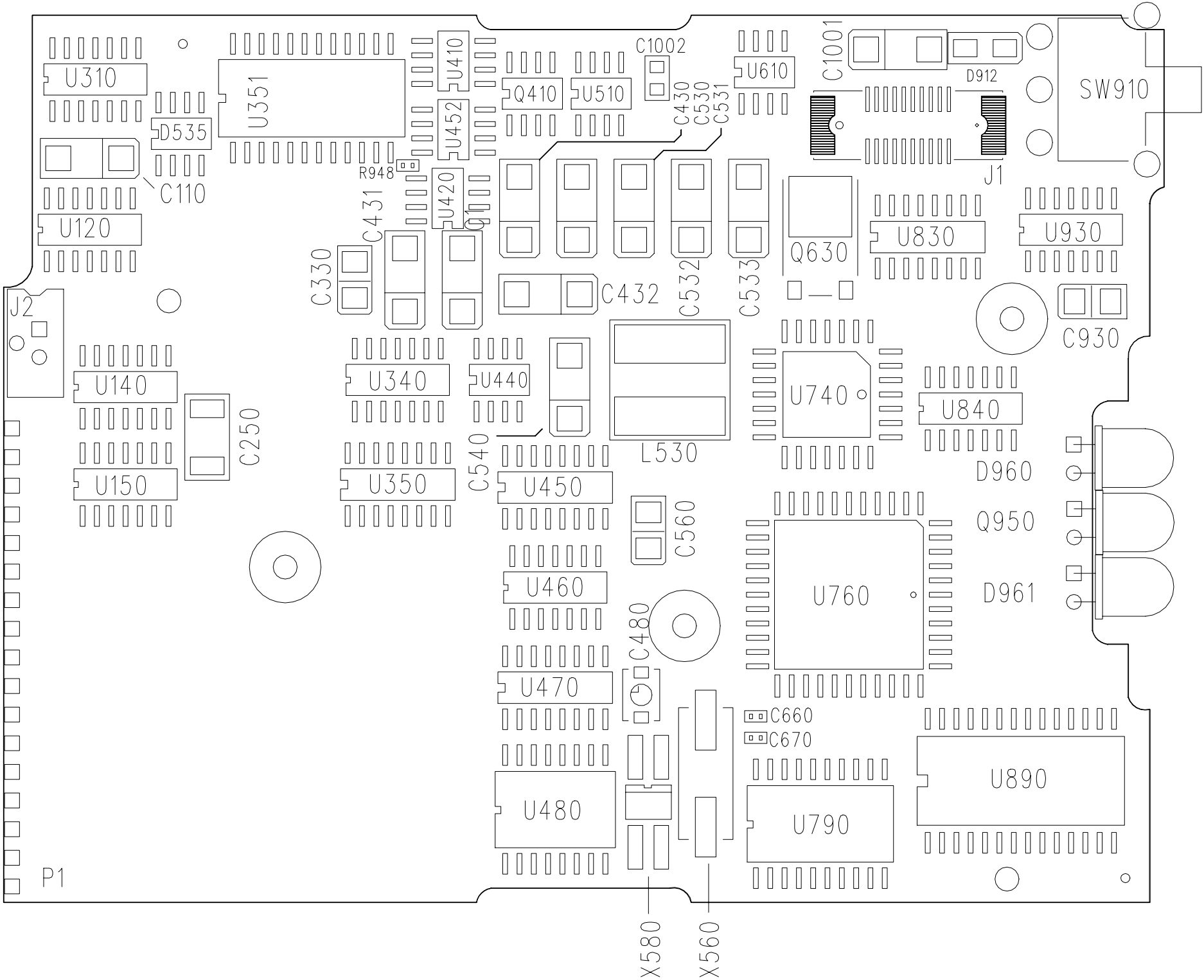
**PCBA Main Board
Drawing 1
P/N 670-0303-10
Sheet 5 of 5**



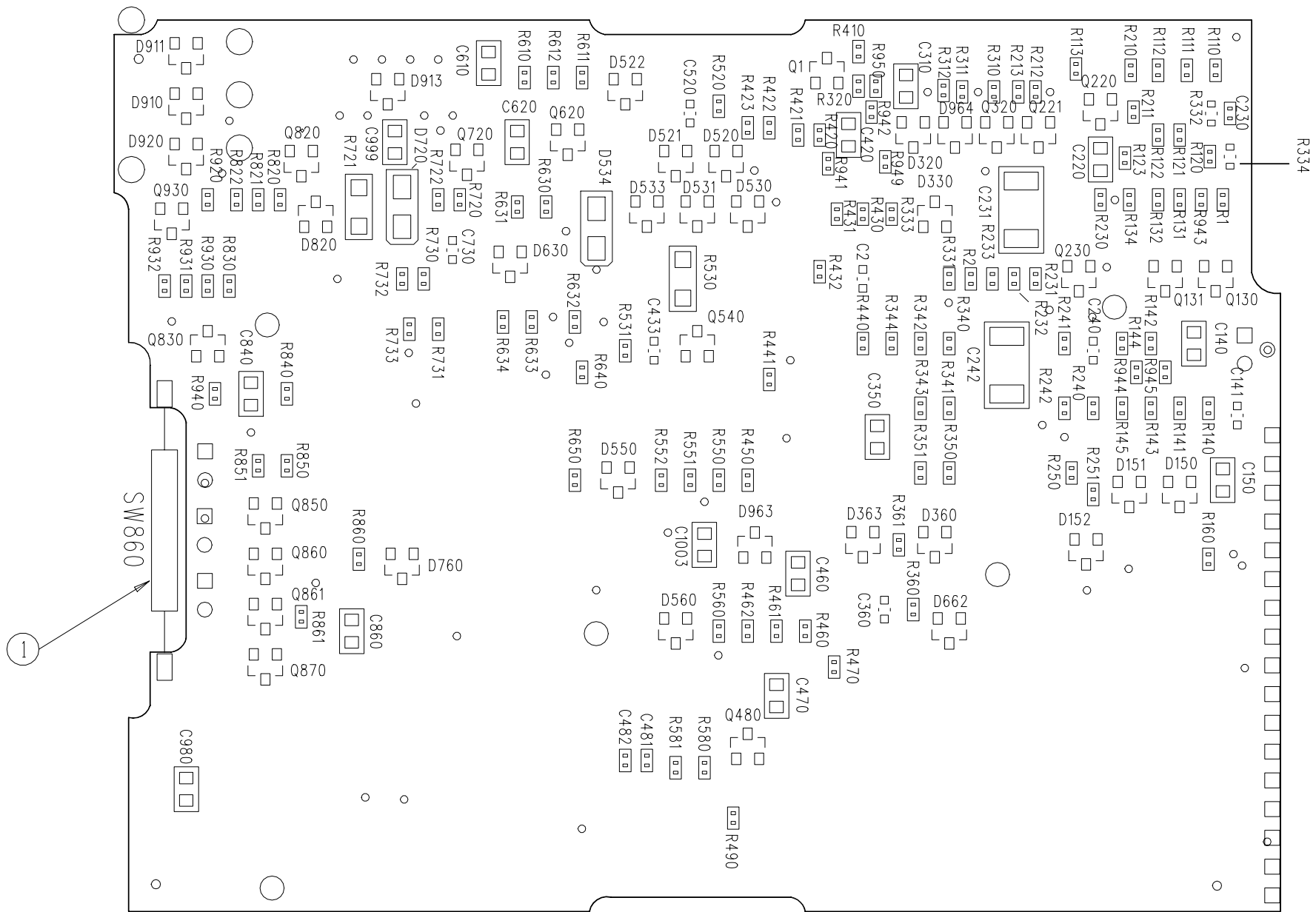
Display Board Schematic
Drawing 2
P/N 670-0302-00
Sheet 1 of 1



**IR Board Schematic
Drawing 3
P/N 670-0304-02
Sheet 1 of 1**

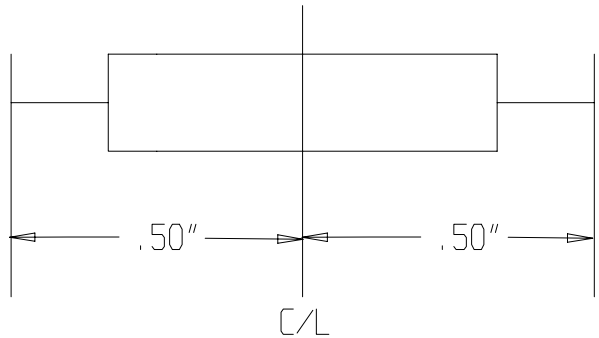


PCBA Main Board
Drawing 4
P/N 670-0303-12
Sheet 1 of 2



①

Trim leads of SW860 to .50 "± .01" from centerline, per figure 1



Install SW860 on pads so that it is centered in opening per figure 2.

